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SOURCE Newspapers as indicated.

STEEL PLANTS SCORE NEW GAINS;
METALLURGY INDUSTRY HONORS BEST PLANTS

[Numbers in parentheses refer to appended list of sources.]

In October - November, reports from USSR metallurgical enterprises continued to stress plan fulfillments, exceeding of progressive norms, and completion of special orders for the new hydroelectric power and irrigation projects. The third-quarter industry-wide competition results were announced.

The Ministry of the Metallurgical Industry and the VTsSPS (Vsesoyuznyy Tsentral'nyy Sovet Professional'nykh Soyuzov; All-Union Central Council of Trade Unions) have published the following results of the competition among metallurgy enterprises for the third quarter 1950:

Transferable red banners of the Council of Ministers USSR and first prizes to the blast-furnace shop and the Magnitnaya Gora Mine of the Magnitogorsk Metallurgical Combine; pipe-rolling shop No 4 of the Pervoural'sk New Pipe Plant; and Krasnoural'sk Copper-Smelting, Ural Aluminum, and Ust'-Kamenogorsk Zinc plants;

Transferable red banners of the Council of Ministers USSR and first prizes awarded to blast-furnace shop of the Novo-Tagil'skiy Metallurgical Plant; open-hearth shop No 1 of the "Serp i molot" Metallurgical Plant; rail shop and TETs (Heat and Power Plant) of the Kuznetsk Metallurgical Combine imeni Stalin; open-hearth shop No 3, strip and wire shop, and coke shop of the Magnitogorsk Metallurgical Combine; Mine Administration imeni Komintern; metallurgical plant of the "Yuzhuralnikel'" Combine, and others;

Transferable red banners of the VTsSPS and of the ministry and first prizes to smelting shop No 2 of the Zaporozh'ye Ferroalloy Plant; Rolled Steel, Wire and Cable Plant imeni Molotov in Leningrad; Lutugino Iron-Casting Plant; and railroad shops of the Rutchenkovo Coke By-Products Plant, Novo-Tul'skiy Metallurgical Plant, and the "Serp i molot" Plant;

- 1 -

SECRET

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SECRET

SECRET

50X1-HUM

Transferable red banners of the VTsSPS and of the ministry and first prizes to T&ES (Central Electric Power Plant) of the Novo-Tul'skiy Metallurgical Plant; refractories shop of the Kuznetsk Metallurgical Combine imeni Stalin; Chasov-Yar and Yelenovka mine administrations; pile driver shop of the "Serp i molot" Plant; Dneprovskiy Electrode Plant and Sverdlovsk Plant of "Glavvtormet" (Main Administration of Scrap Metal); Lar'-kovskiy Mechanized Logging Center; automobile transport system of the Mednogorsk Copper and Sulfur Plant. In addition, 29 second and 24 third prizes were awarded.(1)

By 12 October, the Magnitnaya Gora Mine, which won the title of best mine in the USSR in the competition among metallurgical enterprises for the third quarter, had completed the 10-month plan for ore mining. The mine supplies high-grade ore to the Magnitogorsk and Kuznetsk metallurgical combines.(2)

The Zyryanovsk Iron Mine, Sverdlovsk Oblast, has completed the 1950 year plan.(3) Among enterprises which have completed the Five-Year Plan ahead of schedule, in honor of 7 November, are the Nikopol'-Manganets Manganese Basin in Dnepropetrovsk Oblast and the Beloretsk Metallurgical Plant, Bashkir ASSR.(4)

The "Serp i molot" Plant, Moscow, has completed ahead of schedule the 10-month plan for the entire production cycle. Thousands of tons of steel, steel cable, rolled products, and calibrated metal were produced above plan.(5) The Chernaya Kholunitsa Metallurgical Plant, Kirov Oblast, considerably exceeded the 10-month pig-iron-smelting plan.(6)

In the South, the Plant imeni Karl Libknekht, Dnepropetrovsk, completed the October plan ahead of schedule for steel, pipe, and wheel production (7) and the Stalingrad "Krasnyy Oktyabr'" Plant completed the third-quarter plan 105 percent.(8)

The Gur'yevsk Metallurgical Plant, Kemerovo Oblast, completed ahead of schedule the 9-month and October plans for the entire metallurgical cycle. The plant is continually increasing the volume of metal smelting. Steelworkers have been competing to increase the operation of the open-hearth furnaces between repairs to 300 melts, which is almost twice the furnace run achieved in 1949.(9)

The Kazakh Metallurgical Plant completed the 11-month plan on 17 October and has saved more than 7 million rubles above plan as a result of decreased production costs.(10) By 18 November, the plant had completed the 1950 plan for the entire metallurgical cycle.(11)

The Kazakh plant's open-hearth shop has completed the Five-Year Plan for smelting steel. In the last 2 years, the length of each melt has been cut by 2 hours and this year alone, the recovery of steel per square meter of hearth has increased by 2 tons. The level of steel output has increased by far over the 1949 level.(12)

The Aktyubinsk Ferroalloy Plant has completed the Five-Year Plan for smelting metal and production of electric power. The plant greatly exceeded the October plan for metal smelting and for output of high-grade alloys.(13)

The Statistics Administration of Leningrad City and Oblast reports that Leningrad enterprises of the Ministry of the Metallurgical Industry fulfilled the third-quarter plan 103 percent. Among metallurgy enterprises which fulfilled the plan for output of chief types of products, increase in labor productivity, decrease in costs, as well as the gross-production plan, were the

- 2 -

SECRET

SECRET

SECRET

SECRET

50X1-HUM

"Krasnyy vyborzhets" Plant (director, Sharov) and the Rolled Steel, Wire, and Cable Plant imeni Molotov (director, Saf'yants). Among the items produced in excess of the plan were steel and rolled ferrous metals. Steel production in the third quarter was 118 percent of the third quarter 1949 while rolled ferrous metal production was 119 percent of the third quarter 1949. The "Trubostal'" Plant (director, Ryzhikov) did not complete even one square meter of housing, and thus failed to meet the 9-month plan for housing construction.

The metal products shops of the Leningrad Rolled Steel, Wire, and Cable Plant have entered a competition with the workers of the Moscow "Proletarskiy trud" Plant. The Leningrad plant has pledged to achieve new gains in decreasing defective production, increasing output of first-grade products, and decreasing wastes. The plant has also pledged to put into operation a new mill for producing the finest gauge band metal.(14)

The Leningrad Coke Gas Plant has started production of good quality foundry coke which formerly had to be imported into Leningrad from the Kuzbass and Donbass.(15)

Among other enterprises which have made strides in introducing improvements and mechanization in production is the Kosaya Gora Metallurgical Plant, Tula Oblast, which is striving to mechanize hand processes. The blast-furnace shop now has conveyers, automotive bunkers, excavators, a second pouring machine, and special installations for purifying gas. The heavy hand labor of the freight handlers has been eliminated and these workers are now operators of the machines which replaced them.(16)

The pipe-casting plant of the "Mosgormestprom" (Moscow City Local Industry) Trust has introduced centrifugal casting on a wide scale throughout the plant. The enterprise was built in 1932 for the purpose of providing the city economy with cast-iron pipe. The plant has considerably exceeded its planned capacity, and at present, pipe output is double the former planned volume. At the same time, the number of workers has remained the same. The recent extensive introduction of centrifugal casting has enabled the plant to eliminate the import of large quantities of sand, clay, and other casting materials. There is no longer a need to provide for hauling away the waste products formed in using sand molds, and other advantages of the system include the release of warehouse and quarry area and the reduction in demand for transport facilities. Centrifugal casting is carried out in less production space than the old type of casting. Seventy percent of the former production area can be released, the number of workers halved, and consumption of electric power cut 50-60 percent and of fuel by 70 percent. Defective production has been almost completely eliminated with centrifugal casting. The plant is going to put into operation in the near future new machines for centrifugal casting and thus do away entirely with the sand-molding method.(17)

In October-November, many plants showed production gains and above-norm operation. All workers in the smelting shop of the Zestafoni Ferroalloy Plant, Georgian SSR, have adopted the new progressive norms.(18)

In 1950, blast furnace workers at the Serov Metallurgical Plant, Sverdlovsk Oblast, have achieved an average coefficient of 0.70 for capacity blast furnace utilization.(19) The Serov Division of the "Dommoremont" (Blast-Furnace Repair) Trust completed capital repairs of blast furnace No 6 at the Serov Plant 27 days ahead of schedule. Cold repair of other furnaces was done in 10 hours ahead of schedule. The repair schedule for soaking pits in the rolling shop was cut by entire days.(20)

- 3 -

SECRET

SECRET

SECRET
SECRET

50X1-HUM

A leading steelworker at the Izhevsk Metallurgical Plant, Udmurt ASSR, completed a melt in a record 4 hours 30 minutes, as compared with 8 hours 30 minutes. The recovery of steel per square meter of hearth was 13.3 tons, more than double the norm.(21)

In the period preceeding the October competition, the Uzbek Metallurgical Plant has reached the highest production level it has ever had. In the first half of 1950, a melt completed in less than 8 hours was considered high speed, whereas now, with almost all steelworkers meeting that qualification, a new high-speed norm has been set at less than 7 hours. The sheet mill is producing 120 percent of the plan.

Not all reserves for utilization of basic production resources are being used, however, and this is due, to a considerable degree, to the irregularity in the supply of metal scrap to the plant. The plant has serious grievances in this matter against the Tashkent Office of "Giyavtorchermet" (Main Administration of Ferrous Metal Scrap).(22)

A steelworker in open-hearth shop No 1, Plant imeni Dzerzhinskiy, completed a heavy-weight melt ahead of schedule and produced 11.47 tons of steel per square meter of hearth, exceeding the new progressive norm by 5.59 tons of steel.(23)

Blast-furnace workers at the Plant imeni Petrovskiy, Dnepropetrovsk, are making maximum use of production capacity. One brigade recently produced one ton of pig iron for each 0.87 cubic meter of furnace capacity.(24)

Among the enterprises which have been meeting orders for the new power and irrigation projects is the Kirov Plant, Leningrad, which has received an order for the new construction projects.(25)

Steelworkers in steel-smelting shop No 1 of the "Elektrostal'" Plant have shipped the first tons of metal ordered by the Volga power projects. The shop is also building up a reserve of metal, produced above plan, and designated for use in meeting orders for the projects.

The shop recently received a new order from turbine builders in Leningrad requesting a special metal to build the new machines for the Kuybyshev and Stalingrad power stations. This order has been met.(26)

The rail and girder mill of the Novo-Tagil'skiy Metallurgical Plant had an order for a consignment of special girders for the Volga power projects. The order was completed days ahead of schedule and the train load of girders has already been shipped.(27)

The sheet-rolling shop, open-hearth shop No 1, and pipe-welding shop No 2 of the Taganrog Metallurgical Plant imeni Andreyev have completed far ahead of schedule their orders for the Kuybyshev GES.(28)

A trainload of rails, the last on an order from the Kuybyshev power station project, has left Zhdanov. The order was fulfilled ahead of schedule. Metallurgists of the Makeyevka Plant have also completed ahead of schedule a consignment of rail fastenings for the Kuybyshev project and have already sent it to the construction area.(23)

- 4 -

SECRET

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SECRET

50X1-HUM

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- 5 -

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